

other hand, discharge spreads along the mesh electrode to cover the whole cell, resulting in sufficient luminance. Therefore, the AC type plasma display panel having improved luminous efficiency, improved luminance and low power consumption is realized.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a plan view showing a pattern of openings of a sustaining electrode according to a first embodiment of the present invention;

FIG. 2 is a graph showing a dependency of luminance and luminous efficiency on width of the opening;

FIG. 3 is a graph showing a dependency of luminance and luminous efficiency on aperture rate;

FIG. 4 is a plan view showing a pattern of openings of a sustaining electrode according to a second embodiment of the present invention;

FIG. 5 is a plan view showing a pattern of openings of a sustaining electrode according to a third embodiment of the present invention;

FIG. 6 is a plan view showing a pattern of openings of a sustaining electrode according to a fourth embodiment of the present invention;

FIG. 7 is a plan view showing a pattern of openings of a sustaining electrode according to a fifth embodiment of the present invention;

FIG. 8 is a plan view showing a pattern of openings of a sustaining electrode according to a sixth embodiment of

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the present invention;

FIG. 9 is a plan view showing a pattern of openings of a sustaining electrode according to a seventh embodiment of the present invention;

5 FIG. 10 is a plan view showing a pattern of openings of a sustaining electrode according to an eighth embodiment of the present invention;

10 FIG. 11 is a plan view showing a pattern of openings of a sustaining electrode according to a ninth embodiment of the present invention;

FIG. 12 is a perspective view of a conventional AC type plasma display panel of surface-discharge type;

FIG. 13 is a plan view of a conventional sustaining electrode; and

15 FIG. 14 is a cross section taken along a line A-A in FIG. 13.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

20 FIG. 1 is a plan view showing a pattern of openings of a sustaining electrode according to a first embodiment of the present invention and corresponds to the conventional plasma display panel shown in FIG. 13. In FIG. 1, regions similar to those shown in FIG. 13 are depicted by the same reference numerals, respectively. The first embodiment shown in FIG. 1 differs from the conventional structure of
25 the plasma display panel shown in FIG. 13 in that mesh sustaining electrodes 14a and 14b each having a number of minute openings 13 are used instead of the transparent

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